

comprising the steps of:

incorporating the electroactive assembly into the structure;

using the electroactive assembly to sense vibratory motion within the structure by transducing vibration in the structure into electrical energy; and

transducing the electrical energy through the electroactive assembly causing at the least one electroactive element to change dimension thereby reducing vibration in the structure.

68. (New) A method of controlling the vibration of a structure using an electroactive assembly according to claim 59, comprising the steps of:

incorporating the electroactive assembly into the structure;

using the electroactive assembly to sense vibratory motion within the structure by transducing vibration in the structure into electrical energy;

sending the transduced electrical energy to the control system, and

actuating the electroactive assembly in accordance with signals received by the flexible circuit from the control system, thereby reducing vibration in the structure.

Remarks

Claims 21-57 are canceled without prejudice, and without any intention to abandon the subject matter of these claims as filed or later amended, but with the intention that claims of the same, greater, or lesser scope may be pursued in a continuing application.

New claims 58-68 recite embodiments of an electroactive assembly, and methods of controlling the vibration of a structure using an electroactive assembly. Support for new claims 58-68 is found in the specification as filed. Enclosed is a copy of a clean set of the pending claims as amended. No new matter has been introduced.

Conclusion

Applicants submit that the claims are allowable. Applicants believe that no fee is due with this paper. However, if any fee is due, the Director is hereby authorized to charge the necessary fees to Deposit Account No. 20-0531. If the Examiner believes that a telephone conversation would be helpful, the Examiner is invited to telephone the undersigned attorney.

Respectfully submitted,



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